

1. (amended) A method for treating mouth ulcers, comprising:
  - (a) providing adhesive oral patches which, when exposed to saliva in a human mouth, release extract of licorice root, including diverse molecules with no predominant molecule, over more than 30 minutes; and
  - (b) instructing recipients of the patches to hold the patches in their mouths on or near a canker sore at least two or more hours per day to treat mouth ulcers.
2. (cancelled – incorporated into claim 1)
3. (previously presented) The method of claim 1 wherein the extract of licorice root has reduced glycyrrhizin.
4. (previously presented) The method of claim 1 wherein the extract of licorice root comprises glycyrrhizin.
5. (previously presented) The method of claim 1 wherein the extract of licorice root comprises glycyrrhetenic acid.
- 6-9. (cancelled)
10. (original) The method of claim 1 wherein the patch includes a gum that dissolves or erodes in saliva.
11. (original) The method of claim 10 where the gum is xanthan gum.
12. (original) The method of claim 10 where the gum is konjac gum.
13. (original) The method of claim 10 where the gum is gelatin.
14. (original) The method of claim 10 where the gum is locust bean gum.
15. (amended) A method for treating mouth ulcers, comprising:
  - (a) acquiring oral patches which, when exposed to saliva in a human mouth, release extract of licorice root, including diverse molecules with no predominant

molecule, over more than 30 minutes; and

(b) holding the patches in a mouth to treat mouth ulcers for at least two or more hours per day.

16. (cancelled – incorporated into claim 15)

17. (previously presented) The method of claim 15 wherein the extract of licorice root has reduced glycyrrhizin.

18. (previously presented) The method of claim 15 wherein the extract of licorice root comprises glycyrrhizin.

19-22. (cancelled)

23. (previously presented) The method of claim 15 wherein the extract of licorice root comprises glycyrrhetic acid.

24. (original) The method of claim 15 wherein the patch includes a gum that dissolves or erodes in saliva.

25. (original) The method of claim 24 where the gum is xanthan gum.

26. (original) The method of claim 24 where the gum is konjac gum.

27. (original) The method of claim 24 where the gum is gelatin.

28. (original) The method of claim 24 where the gum is locust bean gum.

29-44. (cancelled)

45. (amended) An adherent patch that, when held in a human mouth, remains in the mouth as a single item that will not spread to be in a plurality of locations in the mouth at one time and slowly erodes, thereby releasing over time extract of licorice root plus collagen, consisting essentially of, by dry weight:

(a) between 13% and 37% extract of licorice root including diverse molecules with no predominant molecule;

(b) between 33% and 55% collagen; and

(c) between 22% and 54% binder ingredients.

46. (original) The patch of claim 45 wherein the extract of licorice root is an extract of licorice root with reduced glycyrrhizin.

47. (original) The patch of claim 45 wherein the collagen is food grade gelatin.

48. (original) The patch of claim 45 where the binder ingredients comprise at least one of: gum arabic, carrageenan, xanthan gum, konjac gum, agar, locust bean gum, and insoluble food fiber.

49. (original) The patch of claim 48 where the binder ingredients include an insoluble food fiber in the form of cellulose fibers.

50. (amended) A manufactured object adapted for treatment of mouth ulcers which, when exposed to saliva in a human mouth, releases diverse molecules of extract of licorice root with no predominant molecule over more than 30 minutes.

51. (previously presented) The object of claim 50 further comprising an adhesive ingredient that adheres to wet surfaces in a human mouth.

52. (previously presented) The object of claim 51 wherein the adhesive ingredient is collagen.

53. (previously presented) The object of claim 52 wherein the collagen is food grade gelatin.

54. (previously presented) The object of claim 50 wherein the extract of licorice root has reduced glycyrrhizin.

55. (previously presented) The object of claim 50 wherein the extract of licorice root comprises glycyrrhizin.

56. (previously presented) The object of claim 50 wherein the extract of licorice root comprises glycyrrhetic acid.

57. (previously presented) The object of claim 50 further comprising a binder ingredient that dissolves or erodes in saliva such as xanthan gum, konjac gum, gelatin, locust bean gum, gum arabic, or carrageenan.

58. (previously presented) The object of claim 50 further comprising insoluble food fiber.